

CD45RO antibody [UCHL1] (Biotin)

Cat. No. GTX19741

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	FACS
Reactivity	Human

Package
200 µg

APPLICATION

Application Note

When activated with phytohemagglutinin (PHA), naive T-cells lose the CD45RA antigen and begin to express the CD45RO antigen. Therefore, Anti-CD45RO may be a marker for memory T-cells. Anti-CD45RO may be used in formalin-fixed and paraffin-embedded tissues as well as frozen sections and cell suspensions. FACS: Use 1µg for 10⁶ cells. Optimal dilutions/concentrations should be determined by the end user.

Product Note

Recognizes the low molecular weight (Mr 180kDa) isoform of the leucocyte common antigen (LCA) which is part of a family of protein tyrosine phosphatases. The CD45RO antigen is present on most thymocytes, about 40% of resting peripheral blood T-lymphocytes and the majority of T-cells in skin reactive infiltrates and T-cell malignancies. CD45RO is also found on a subset of B-cells and some B-cell lymphomas. NK cells do not express the CD45RO antigen. It is also present on monocytes, macrophages and granulocytes.

PROPERTIES

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	0.1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	IL-2 dependent T-cell line CA1.
Purification	Protein G purified Protein G chromatography
Conjugation	Biotin

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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